

TEST REPORT

APPLICANT : GUANGZHOU ZEJI BUILDING MATERIALS TECHNOLOGY CO., LTD

ADDRESS : ROOM 407-A151,2 BUILDING, NO.273,FUSHI ROAD, DASHI STREET,PANYU DISTRICT,GUANGZHOU CITY.

TESTED SAMPLE DESCRIPTION : MUSHE DECORATIVE PAINT

TESTED STYLE / ITEM NO. : ZG103Y

SUPPLIER : GUANGZHOU ZEJI BUILDING MATERIALS TECHNOLOGY CO., LTD

COUNTRY OF ORIGIN : GUANGDONG PROVINCE.CHINA

COUNTRY OF DESTINATION : NETHERLANDS

SAMPLE RECEIVED DATE : JUL. 02, 2024

TEST PERIOD : JUL. 02, 2024 TO AUG. 07, 2024

RESULT SUMMARY :

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST(S) REQUESTED BY APPLICANT:	RESULT
French VOC Regulation	A+

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.



James Luo
Senior VOC Testing Engineer



Jack Lu
Senior Operations Manager



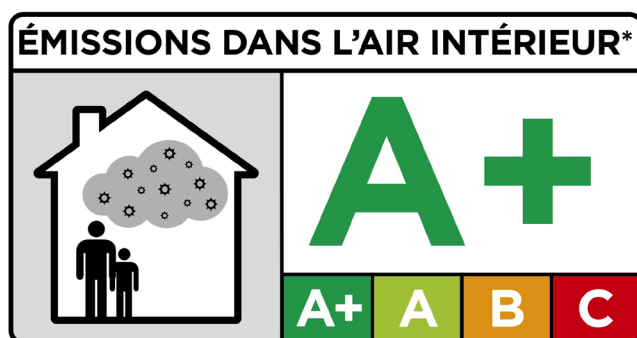
The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins will not be liable for the authenticity of the information. This test report is valid for the tested sample only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
Unless otherwise required by the applicant or method/regulation, decision rule in this report did not consider the measurement uncertainty.

Test Method

Method	Principle		Parameter	Detection Limit	Uncertainty
ISO 16000 parts -3, -6, -9, -11	TDS-GC/MS		VOC CMR	5 µg/m³ 1 µg/m³	17.5% (RSD) U = 2 x RSD= 35%
	HPLC/UV		Volatile aldehydes	5 µg/m³	16% (RSD) U = 2 x RSD= 32%
Test chamber parameter					
Chamber volume (L):	119	Temperature (°C):	23	Relative humidity (%):	50
Air change rate (per hour):	0.5	Loading ratio (m²/m³)	1		
Test condition: Sample stayed in test chamber during the whole 28 days testing period.					
Sample preparation					
Application (g/m²)			250		

Resulting VOC Emissions Class Label

This recommendation is based on French regulation as published on 25 March 2011 (décret DEVL1101903D) and on 13 May 2011 (arrêté DEVL1104875A) modified in February 2012 (DEVL1133129A).. For details please see www.eurofins.com/france-voc.



**Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)*

The tested product **fulfills** the requirements of the French regulation DEVP09908633A of 30 April 2009 and DEVPP0910046A of 28 May 2009. For details please see www.eurofins.com/france-voc.

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co., Ltd.

4/F., Building 3, Building 2, Runheng Electronic Park, Liuxian 2nd Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China
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Test Result

	Concentration after 28 days $\mu\text{g}/\text{m}^3$	C	B	A	A+
TVOC	<20	>2000	<2000	<1500	<1000
Formaldehyde	<5	>120	<120	<60	<10
Acetaldehyde	<5	>400	<400	<300	<200
Toluene	<5	>600	<600	<450	<300
Tetrachloroethylene	<5	>500	<500	<350	<250
Ethylbenzene	<5	>1500	<1500	<1000	<750
Xylene	<5	>400	<400	<300	<200
Styrene	<5	>500	<500	<350	<250
2-Butoxyethanol	<5	>2000	<2000	<1500	<1000
Trimethylbenzene	<5	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<5	>120	<120	<90	<60
CMR compounds		Maximum allowed air concentration			
Benzene	<1		<1		
Trichloroethylene	<1		<1		
Dibutyl phthalate (DBP)	<1		<1		
Diethylhexyl phthalate (DEHP)	<1		<1		

Remark:

< Means less than

> Means higher than

This VOCs test covered only substances that can be adsorbed on Tenax-TA and that can be thermally desorbed and analyzed by gas chromatography mass spectrometric detector. If other emission occurred then these could not be monitored or with limited reliability only. The method is not optimal for very volatile compounds. For these substances small results and a higher uncertainty in the measurement cannot be excluded. VOCs without pure standards were identified by comparison with a mass spectrum obtained from a library. Calibrated as toluene equivalent.

Note:

The chamber test and analyses were done in Eurofins Testing Technology (Shenzhen) Co., Ltd.

Other Information / Remark:

In case of any divergence of interpretation, the English version of test report (EFSN24070269C-V) shall prevail.

TO BE CONTINUED

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END OF THE REPORT